

RESOURCES

Budget
192.8 FTEs
\$20.1 million

Information Resources
HQ's policies
EPA Strategic and Implementation Plans
Operating plans
Regulations
Emissions data
Census data

Facilities
Regional Labs

Equipment
High-powered PCs for modeling
Testing equipment

Stakeholder Input
CAA Advisory Committee
ECOS
STAPPA/ALAPCO
OTAG
Environmental Groups
Regulated industry

Partnerships
OTC
RPOs
States/Locals/Tribes

PROGRAMS/ACTIVITIES [3]

Attainment Status Review

State Implemented Strategies/Controls to Attain/Maintain NAAQS
State Implementation Plans
Regional Transport Rule
NSR/PSD
New Source Performance Standards [4]
Vehicle Inspection and Maintenance
Conformity
Transportation Control Measures
State Fuels Programs Under 211(c)4(C)
Clean Fleets
Urban Buses

Federal Emissions Standards Development and Implementation
Fuels, Engines, Vehicle In-use Compliance

Incentive-Based Programs [5]
NOx Budget Trading [6]
Diesel Retrofit,
Clean Air Transportation Grants
Transportation Control Measures
Commuter Choice
Land Use
Clean Cities (*Sponsored by DOE*)

Measurement/Assessment
Monitoring networks (PAMS, SLAMS, NAMS)
Studies in support of regulatory programs
Modeling
Emissions Inventories

Education and Outreach Activities
Ozone Action

Legal Support [11]

OUTPUTS

Attainment Status Review
Technical Support Documents

(Part 81 tables)

State Implemented FR Notices (SIPs)
Guidance
Oversight reports
Permit reviews/approvals
Technical Support/Guidance

Federal Emission Standards
Technical assistance (motor vehicle compliance, recall, and warranty programs)

Incentive-Based Programs
Technical support/guidance

Measurement/Assessment
Reports
Analyses

Outreach/Education
Press releases
Websites
Conferences
Literature/pamphlets
Speeches
Technical support and guidance

CUSTOMERS

EPA HQ

Other Regional Program Offices

State/Local/Tribal Governments

Industry

Public

Trade Associations

Government Associations

Regional Counsel

Federal Facilities

Congress and individual members

SHORT-TERM OUTCOMES (Knowledge, Attitudes, Skills, and Aspirations)

State/Local/Tribal Agencies understand EPA policy and guidance.

Industry understands air pollution regulations /requirements.

Changes in public attitudes about environmental controls/programs.

Unintended Outcomes
Customers or stakeholders do not agree with EPA decisions, policies, guidance, or regulations.

SHORT-TERM OUTCOMES ACTIONS

State/Local/Tribal Agencies implement air pollution control program in accordance with EPA policy and guidance.

Industry complies with regulations, emissions limits.

Public changes behavior to reduce emissions and exposure.

Public supports environmental activities and programs.

Unintended Outcomes
Customers do not implement EPA policies, comply with regulations, or change behaviors contributing to air pollution.

RESOURCES

Budget

\$59.8 million in FY 01
105 grant funds
Title V permit fees
State funds
DOT-CMAQ funds

Facilities

Equipment

Information Resources:

EPA policy, guidance, and regulations
State regulations

Stakeholder input

Regulated community
Environmental groups
Public officials
Politicians

PROGRAMS/ACTIVITIES [3]

Attainment Status

State Implemented Strategies/Controls to Attain/Maintain NAAQS
State Implementation Plans
Regional Transport Rule
NSR/PSD
New Source Performance Standards [4]
Vehicle Inspection and Maintenance
Conformity
Transportation Control Measures
State Fuels Programs
Clean Fleets
Urban Buses

Federal Emissions Standards Implementation

Fuels, Engines, Vehicle In-use Compliance

Incentive-Based Programs [5]

Programs differ among states. Examples include:
NOx Budget Trading [6]
Diesel Retrofit
Clean Air Transportation Grants
Transportation Control Measures
Commuter Choice
Land Use
Clean Cities (Sponsored by DOE)

Measurement/Assessment

Monitoring Networks (PAMS, SLAMS, NAMS)
Modeling
Emissions Inventories

Education and Outreach Activities

Ozone Action

OUTPUTS

Attainment Status

Attainment demonstrations
Redesignation requests

State Implemented...

SIPs and SIP revisions
State Regulations
NSR/PSD Permits
Vehicle Inspections

Federal

Compliance Assistance

Incentive-Based

Subsidies
Vouchers

Measurement/Assessment

Monitoring data/reports
Emissions Inventories
Studies and Analyses

Outreach/Education

Pamphlets
Ozone episode alerts, forecasts
Press Releases
Websites
TV and Radio Messages

CUSTOMERS

EPA HQ

EPA Regions

Industry

Public

SHORT-TERM OUTCOMES (Knowledge, Attitudes, Skills, and Aspirations)

Industry understands permit requirements.

Public becomes aware of pollution control requirements and programs.

Public becomes aware of actions that create air pollution.

Unintended Outcomes

Customers or stakeholders do not agree with EPA and/or state regulations and requirements.

SHORT-TERM OUTCOMES ACTIONS

Industry changes processes, install controls.

Industry complies with permit limits.

Public complies with pollution control programs.

Public reduces behaviors that contribute to pollution.

Unintended Outcomes

Industry or public does not comply with EPA and state regulations and requirements, or change behaviors contributing to pollution.

OTHER EPA AND NON-EPA PROGRAMS THAT CONTRIBUTE TO REDUCED VOC AND NOx EMISSIONS

EPA GOAL 1 PROGRAMS

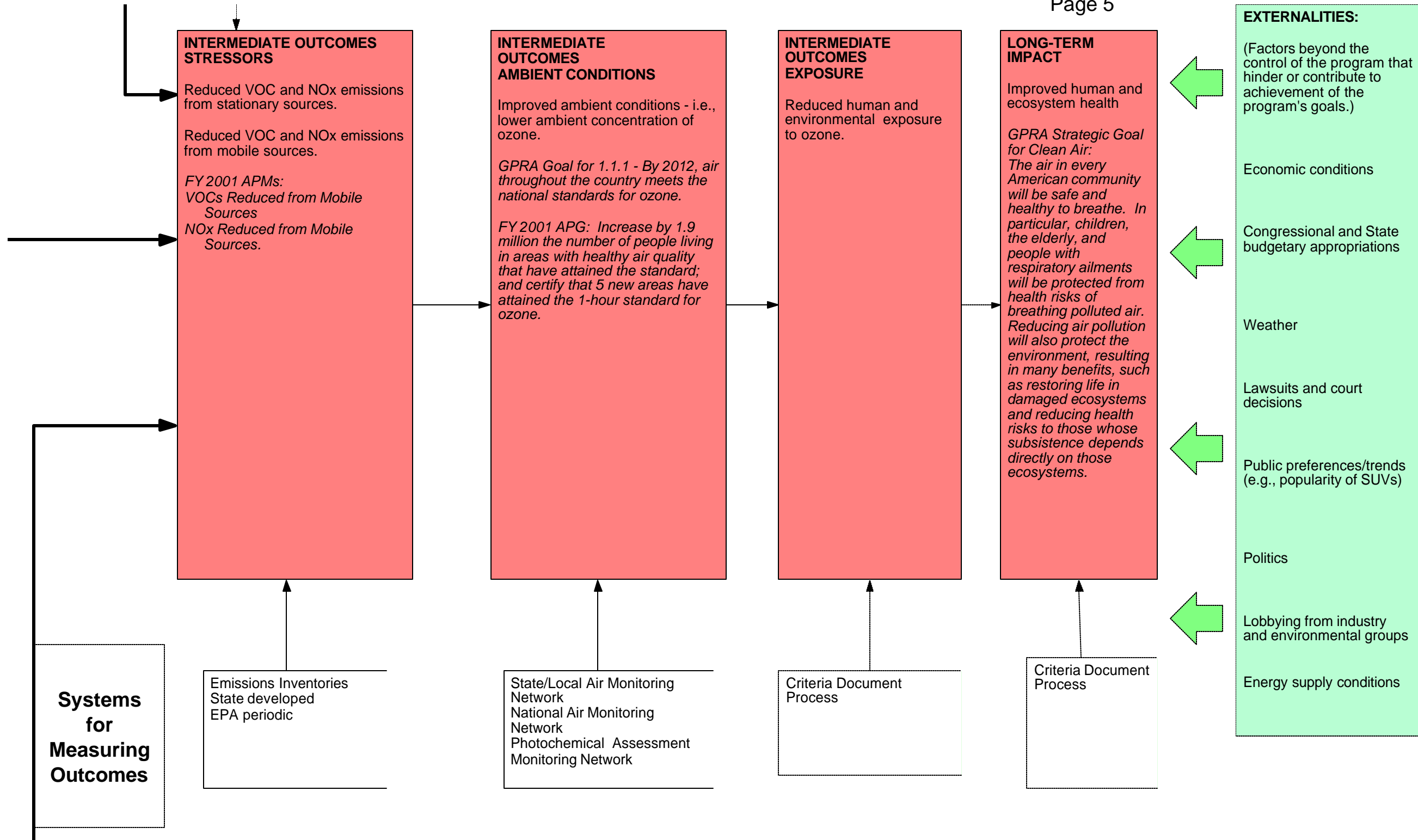
- Subobjective 1.1.2 - Attain Particulate Matter NAAQS
- Subobjective 1.1.6 - Maintain Nitrogen Dioxide NAAQS
- Subobjective 1.2.3 - Reduce Cancer and Non-Cancer Risks From Air Toxics
- Subobjective 1.3.1 - Reduce Acid Rain Precursors

EPA NON-GOAL 1 PROGRAMS

- Goal 4 - Preventing Pollution and Reducing Risk in Communities, Homes, Workplace, and Ecosystems
- Goal 6 - Reduction of Global and Cross-Border Environmental Risks (e.g., Green Lights, Energy STAR)
- Goal 8 - Sound Science, Improved Understanding of Environmental Risk, and Greater Innovation to Address Environmental Problems
- Goal 9 - A Credible Deterrent to Pollution and Greater Compliance with the Law **[7]**

FEDERAL AGENCY PROGRAMS

- Department of Transportation (e.g., Congestion Mitigation and Air Quality Improvement Program, Clean Fuels, Commuter Choice)
- Department of Energy (e.g., Advance Petroleum-Based Fuels Program, Heavy Vehicle Emissions Testing Program, National Biofuels Program)



FOOTNOTES:

- [1] = This model represents the intended design of the program based on EPA planning and budget documents, numerous EPA web-based information, applicable statutes and regulations, interviews with EPA officials, and comments from EPA officials on the preliminary versions of the model. We did not discuss the model or its contents with EPA external stakeholders such as Congressional members, industry groups, environmental groups, or state agencies. Further, we did not perform work to test whether the program is being implemented as depicted in this model.
- [2] = National set-asides are used by EPA Headquarters, with the agreement of the states, to provide services to the states (e.g., training delivery) that can be more efficiently accomplished through EPA headquarters than having each individual state perform the function on its own.
- [3] = This column is divided into categories which capture related programs/activities. Within each category we list general programs or strategies in place, not the specific activities being conducted. Programs/activities that do not receive funding from this GPRA subobjective are not listed (e.g., enforcement). Cross-cutting infrastructure programs/activities that support all Goal 1 subobjectives (e.g., resource management, information management, Title V permitting, and Tribal programs) are not listed here as well.
- [4] = EPA sets the national standards and implementation is normally delegated to the states.
- [5] = Includes economic incentive as well as voluntary programs.
- [6] = This is an economic incentive program that will be included in state SIPs under the NOx SIP call. OAR/OPA/CAMD is administering the program for the states.
- [7] = OECA activities include: developing enforcement-related rulemakings, policy, and guidance; ensuring enforceability of rules; setting national enforcement priorities; investigating and deterring violations; participating in civil and administrative case negotiations, litigation and settlements; managing national enforcement programs; collecting and integrating compliance and enforcement data; developing enforcement initiatives; and, coordinating enforcement activities with States, Locals, Tribes, EPA Regions, OGC, DOJ and other Federal Agencies. Most state and local agencies are authorized to operate federal air regulatory programs which includes conducting compliance monitoring activities such as on-site inspections and initiating appropriate enforcement actions in response to identified violations.
- [8] = Fully or partially funded by national grant set-asides.
- [9] = Development of standards for all types of engines, fuels, and vehicles.
- [10] = OGC provides advice/legal support in developing rules, handling lawsuits, Congressional Inquiries, document requests, FOIA requests, and Discovery Requests from DOJ.
- [11] = OGC provides advice/legal support for: adverse comments on a SIP, non-attainment programs, high profile facilities, source redesignations, Title V issues, and increased sanctions.